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Title:

HONEYCOMB FILTER AND ITS MANUFACTURING METHOD

Abstract:

PROBLEM TO BE SOLVED: To provide a honeycomb filter in which a crack is not generated on the sealing part and the substrate and peeling and dropping of the sealing part from the substrate do not cause, and a manufacturing method of the honey comb filter having the prescribed characteristics and being shortened and manufactured process and saving its manufacturing cost. **SOLUTION:** This honeycomb filter is constituted of the sealing material of ceramic crushed products consisting of the same quality of material as the ceramic substrate. The manufacturing method of this honeycomb filter composed of the porous ceramic substrate includes a molding process for molding a body prepared from ceramic powder to a honeycomb shape having many parallel flow paths, and a sealing process for alternately sealing the end parts of the flow paths, and a firing process of firing the honeycomb molding, and the ceramic consisting of the same quality of material as the ceramic substrate is crushed and this crashed ceramic products are used for sealing.